

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	111822	ueda.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 19:17
L2	8689	ohno.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 19:17
L3	55452	kitamura.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 19:17
L4	405	(L1 or L2 or L3) and (coenzyme or ubiquinone or ubidecarenone or benzoquinone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 19:17
L5	113	L4 and (coenzyme adj Q\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 19:17
L6	67	L5 and crystal\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 19:17
S1	75841	ueda.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 13:50
S2	7976	ohno.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 13:50

## EAST Search History

S3	36883	kitamura.in.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 13:50
S4	298	(S1 or S2 or S3) and (coenzyme or ubiquinone or ubidecarenone or benzoquinone)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 13:52
S5	87	S4 and (coenzyme adj Q\$2)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 13:55
S6	30	S5 and crystal?	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 14:28
S7	45	S5 and crystal\$8	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 14:31
S8	1312	(568/823,830,662,702,766).OCLS.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 14:45
S9	8273	(435/816,188,183).OCLS.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 14:46
S10	205	(552/293).OCLS.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 14:46

## EAST Search History

S11	487	(424/94.3).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 14:47
S12	1054	(S8 or S9 or S10 or S11) and (coenzyme or ubiquinone or ubidecarenone or benzoquinone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 14:47
S13	183	S12 and (coenzyme adj Q\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 14:48
S14	168	S13 and crystal\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 14:48
S15	167	S14 and (purification or separat\$3 or impurit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 14:51
S16	16	S15 and (coenzyme.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 14:52
S17	5902	(coenzyme or ubiquinone or ubidecarenone or benzoquinone) and (coenzyme.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 15:47
S18	1736	S17 and (coenzyme adj Q\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 15:47

## EAST Search History

S19	188	S18 and crystal\$8	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 15:49
S20	110	S19 and (purification or separat\$3 or impurit\$3)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 15:49
S21	112	S19 and (purify\$3 or purification or separat\$3 or impurit\$3)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 15:51
S22	5	("3066080").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 15:56
S23	2	("5880289").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 15:56
S24	6	"3162654"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 16:01
S25	2	("6207137").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 16:05
S26	2	("6740338").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 16:06

## EAST Search History

S27	4	("3068295").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 16:13
S28	0	gb-947643-\$ did.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 16:17
S29	2	jp-53133687-\$ did.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 16:41
S30	2	ep-1415970-\$ did.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 18:07
S31	2	"20040214301"	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 18:08
S32	1539	ubiquinol or ubisemiquinone	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 16:34
S33	1529	ubiquinol	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 16:34
S34	1181	S32 and (purify\$3 or purification or separat\$3 or impurit\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 16:36

## EAST Search History

S35	20	S32 same (purify\$3 or purification or separat\$3 or impurit\$3)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 16:36
S36	1061	(568/715,716).CCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/31 17:02
S37	4	S36 and (ubiquinol or ubisemiquinone or coenzyme)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:03
S38	466	reduced adj coenzyme	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:07
S39	58	S38 same crystal\$8	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:08
S40	58	S38 same (purify\$3 or purification or separat\$3 or impurit\$3)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:08
S41	31	S39 and S40	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:09
S42	0	wo-2001052822-\$.did.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:20

## EAST Search History

S43	0	wo-20010052822-\$ did.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:21
S44	1	wo-200152822-\$ did.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 17:21
S45	1189	(568/715-717).OCLS.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/31 18:09
S46	723266	hyposulfurous ascorbic oxalic borohydride dithionite zinc	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:10
S47	250	S45 and S46	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:10
S48	159427	reducing adj agent	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:11
S49	58	S45 and S48	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:11
S50	37	S47 and S49	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:12

## EAST Search History

S51	271	S47 or S49	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:12
S52	9066	S46 and (ubiquinol or ubisemiquinone or coenzyme)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:43
S53	2547	S46 same (ubiquinol or ubisemiquinone or coenzyme)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:44
S54	2343	S53 and (purify\$3 or purification or separat\$3 or impurit\$3 or extrac\$5)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:44
S55	1034	S53 same (purify\$3 or purification or separat\$3 or impurit\$3 or extrac\$5)	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:45
S56	1282	S53 and crystal\$8	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:45
S57	159	S53 same crystal\$8	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/31 18:46